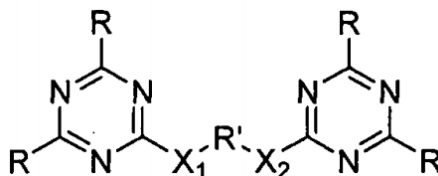


CLAIMS

1. A triazine compound according to Formula 1:



FORMULA 1

wherein R is di(C₁ to C₄)alkylphosphite; phosphite substituted with phenyl or biphenyl; 1,3,2-dioxaphosphinane-2-oxide or 5,5-dimethyl-dioxaphosphinane-2-oxide;

R' is (C₁ to C₁₃)alkyl, phenyl, xylyl, biphenyl or cyclohexyl;

X₁ and X₂ are the same or different and are selected from N, NH, O and S;

except where X₁ and X₂ = NH,

- if R is phosphite substituted with Et,

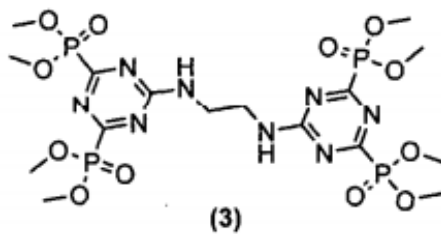
R' is not

1,2-ethylene, 1,3-propylene or 1,6-hexylene;

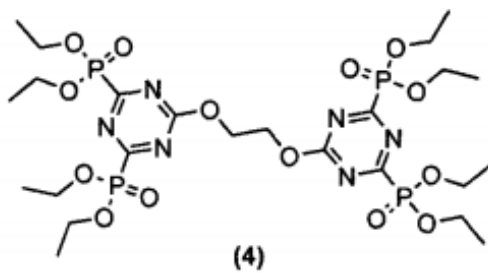
- if R is phosphite substituted with Me,

R' is not 2,6-dimethyl-1,3-propylene.

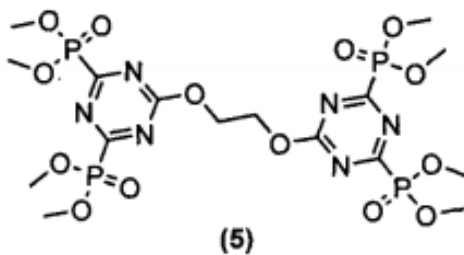
2. The triazine compound as claimed in claim 1, according to Formula 3:



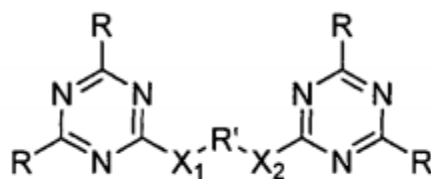
3. The triazine compound as claimed in claim 1, according to Formula 4:



4. The triazine compound as claimed in claim 1, according to Formula 5:



5. Use of a compound according to Formula 1:



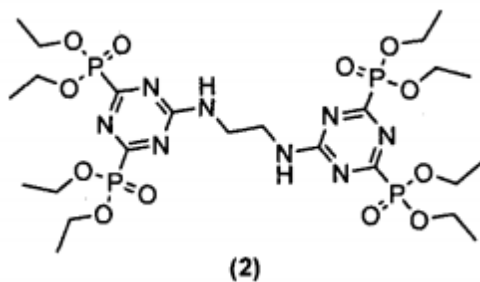
FORMULA 1

wherein R is di(C₁ to C₄)alkylphosphite; phosphite substituted with phenyl or biphenyl; 1,3,2-dioxaphosphinane-2-oxide or 5,5-dimethyl-dioxaphosphinane-2-oxide;

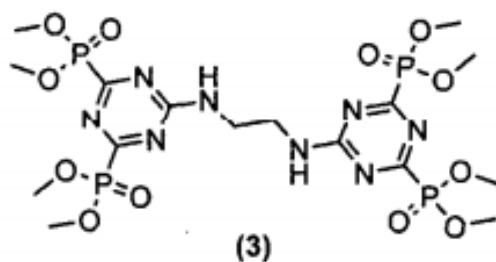
R' is (C₁ to C₁₃)alkyl, phenyl, xylyl, biphenyl or cyclohexyl;

X₁ and X₂ are the same or different and are selected from N, NH, O and S; as a flame-retardant.

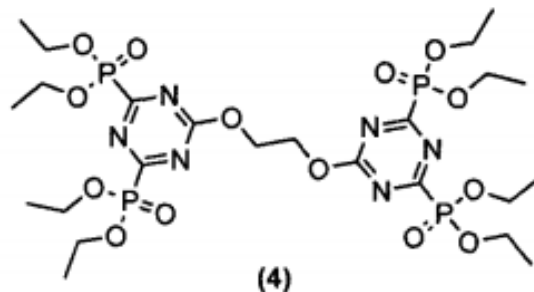
6. The use as claimed in claim 5 comprising a compound according to Formula 2:



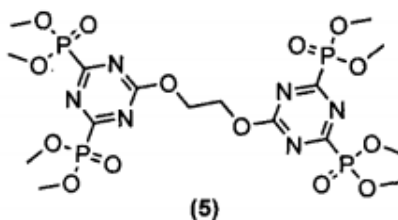
7. The use as claimed in claim 5, comprising a compound according to Formula 3:



8. The use as claimed in claim 5, comprising a compound according to Formula 4:



9. The use as claimed in claim 5, comprising a compound according to Formula 5:



10. The use according any one of claims 5 to 9, said compound being comprised in a coating for a flammable material.

11. A product containing at least one flame retardant as defined in one of claims 5 to 10.

12. The product of claim 11, comprising the flame retardant compound in a coating.

13. The product of claim 11 or 12, comprising the flame retardant compound at a concentration above 1 wt.%, especially above 2 wt.%, preferably above 5 wt.% or even above 10 wt.% based on total wt. of the product.